

# PUBLIC NOTICE

**PERMIT APPLICATION:** NRS08.258

**APPLICANT:** Fullen Dock & Warehouse  
382 Klinke Road  
Memphis, Tennessee 38127  
901-358-9544

**LOCATION:** Mississippi River near the mouth of the Loosahatchie River in  
Memphis, Shelby County; 35.209862, -90.061197

**WATERSHED DESCRIPTION:** The Mississippi River (that portion in Tennessee) is listed as Exceptional Tennessee Waters because of the presence of the Federal endangered Pallid Sturgeon (*Scaphirhynchus albus*) and the state threatened Blue Sucker (*Cycleptus elongates*).

**Watershed:** Mississippi

**Stream Name:** Mississippi River

**Stream Segment ID:** TN08010100001\_1000 Mississippi River (Tennessee side)  
from Mississippi state line to confluence of Loosahatchie River.

## Designated Uses:

<u>Use</u>	<u>Use Support</u>	<u>Causes</u>	<u>Sources</u>
fish and aquatic life	not supporting	physical substrate habitat alterations	dredging
livestock watering and wildlife	fully supporting		
recreation	not supporting	chlordane, dioxin, mercury, polychlorinated biphenyls	contaminated sediments, atmospheric deposition
irrigation	fully supporting		

**Assessment Date:** 11/13/07

## PROJECT DESCRIPTION:

The project consists of dredging of material from an area 250 ft. by 1000 ft. around Fullen Dock and Warehouse's dock area at mile 740 on the lower Mississippi. Dredged material will be placed in an upland contained disposal area adjacent to the area being dredged. The disposed material will occupy an area 300 ft. by 300 ft. which includes a levee which serves as a retaining structure for the dredged material.

The project is located in a relatively straight reach of the Mississippi River where the width is about 2,600 feet and the maximum depth is about 25 feet at low water. Velocities range from 3 to 5 feet per second. The substrate is primarily sand with some gravel interblended. Streamside vegetation consists of grass, weeds, and a few small willows.

The dredging is proposed to be done with a hydraulic dredge. The project consists of dredging an area 250' X 1000' to provide navigation depths for towboats and barges in the vicinity of the dock. The material to be dredged was deposited since the previous dredging operation. The maximum depth of dredge cut is estimated to be about 10 feet or less over most of the area to be dredged between the dock and the navigation channel of the Mississippi River.

The method to be used for the dredging operation is a 20-inch hydraulic dredge. The dredge is a floating plant equipped with a cutter head, pump, and 20-inch pipeline. The material is loosened and scarified by the cutter head, suctioned into the pipeline by the pump, and discharged through the pipeline into the disposal area. The work is to be confined to the underwater or channel bottom area. Inspection of the material remaining in the disposal area stockpile from previous dredging operations shows the material to be dredged is clean, coarse sand.

A retaining dike is already in place at the lower end of the disposal area. It was constructed of the dredged material, which is primarily sand and there is no spill box structure. The water from the dredged material is returned to the river by allowing it to filter through the sand-retaining dike.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will result in de-minimis degradation to water quality. This determination is based on the upland disposal facet of the proposal. Secondly, we have determined there is no reason to believe the sediments proposed for dredging are contaminated based on the particle description of sand and gravel bed-load from non specific sources.

This notice may be viewed on the internet at:

<http://www.state.tn.us/environment/wpc/ppo/arap>.

**PERMIT COORDINATOR:** Robert Baker

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

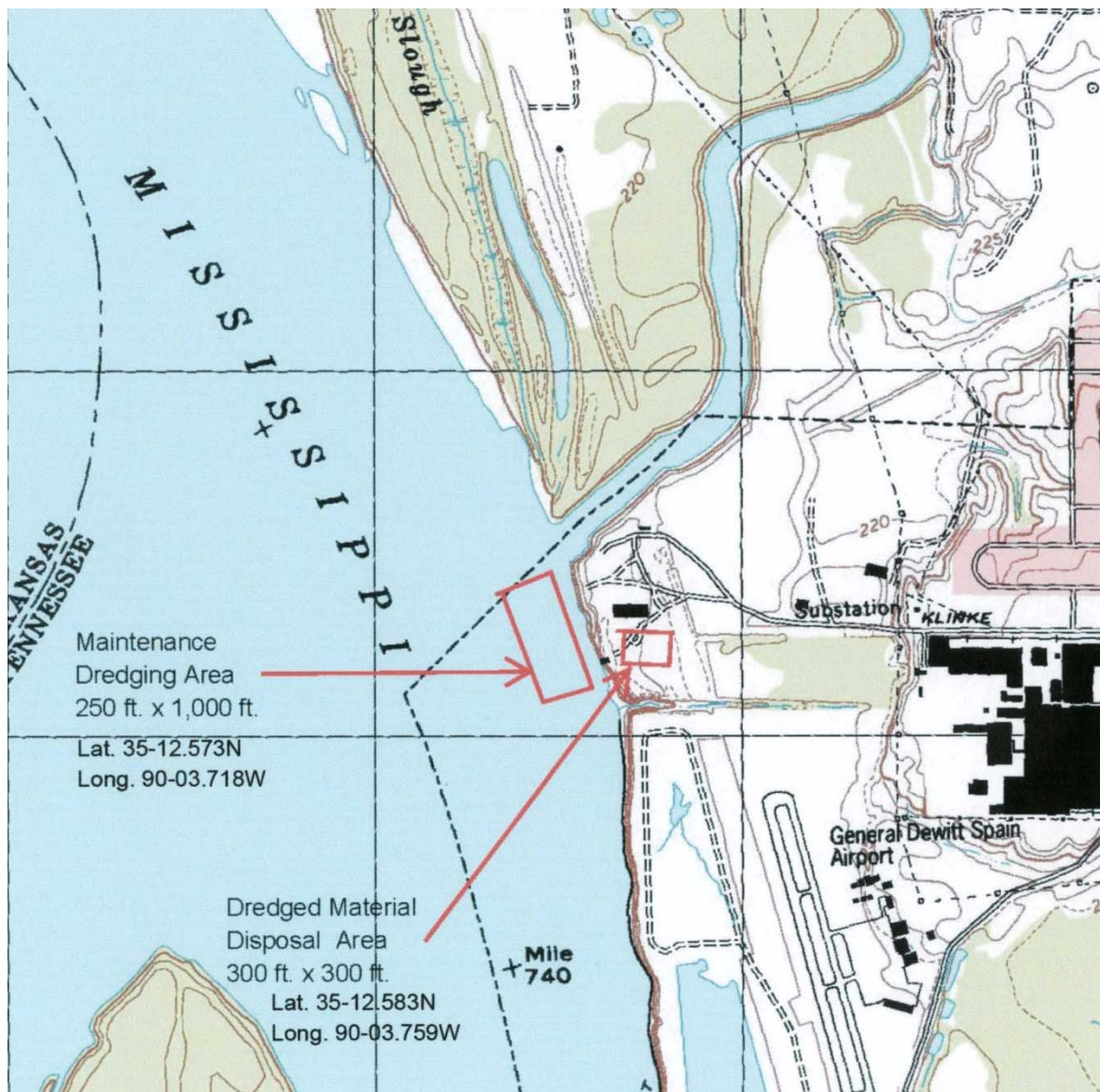
## Fullen Dock & Warehouse

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Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.





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